

AMENDMENTS TO THE SPECIFICATION

Please amend the first paragraph beginning on page 1 as follows:

This application is a continuation-in-part of United States Patent Application Serial No.

10/254,057, filed September 24, 2002, now issued as U.S. Patent No. 6,830,598, which is incorporated herein by reference.

Please amend the second paragraph beginning on page 16 as follows:

In addition to metallurgically bonding the coated superabrasive particles to a support matrix, in some aspects, the coated particles may be attached to the matrix with an adhesive or organometallic binder. As discussed in Applicant's copending U.S. patent application no. 10/627,446, filed on July 25, 2003, now issued as U.S. Patent No. 6,915,796, which is incorporated herein by reference, a wide variety of organic and organometallic binders are known to those of ordinary skill in the art and may be used. Organometallic coupling agents can include at least one reactive moiety which chemically reacts with metal to form a chemical bond and at least one reactive moiety which reacts with the organic binder to form a chemical bond. In this way, the organometallic coupling agent acts as a bridge to form bonds between the organic binder and the metal surface of the coated superabrasive particles. In one aspect of the present invention, the organometallic coupling agent can be a titanate, zirconate, silane, or mixture thereof. These materials can contain hydrolyzable groups which react with hydroxyl groups on the uncovered areas of the metallic particles, and thereby chemically bond to the metal surface. Additionally, these materials can also contain non-hydrolyzable groups which chemically react with the organic binder. Such organometallic coupling agents are described in

U.S. Patent Nos. 4,620,933, 5,558,705, 5,571,296, and 6,579,931, which are each incorporated by reference.